DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR FORMING A MAGNETIC TUNNELING JUNCTION LAYER FOR MAGNETIC

| RANDOM ACCESS MEMOI | RY | | | | |
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| the specification of which is attached here | eto unless the following bo | ox is checked: | | | |
| X was filed onand was amended on | 28, 2004 as United | States Application (if applicable). | Number or PCT International | Application Numbe | |
| I hereby state that I have reviewed and amendment referred to above. | understand the contents | of the above-identifie | d specification, including the claims | , as amended by an | |
| I acknowledge the duty to disclose info Regulations § 1.56. | ormation which is known | by me to be materia | l to patentability as defined in Title | 37, Code of Federa | |
| I hereby claim foreign priority benefits inventor's certificate, or § 365(a) of any P and have also identified below any foreig that of the application on which priority is PRIOR FOREIGN APPLICATION(S) | CT International application application for patent or sclaimed: | on which designated at | least one country other than the Unite | ed States, listed below | |
| NUMBER | COUNTRY | | DAY/MONTH/YEAR FILED | PRIORITY CLAIMED | |
| 2003-5484 | Republic of Korea | | 28/January/2003 | Yes | |
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| I hereby claim the benefit under Title 35, | United States Code § 119(| (e) of any United States | s provisional application(s) listed belo | w. | |
| APPLICATION NO. | | FILING DATE | | | |
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I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| APPLICATION SERIAL NO. | FILING DATE | STATUS: PATENTED, PENDING, ABANDONED | |
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I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Eugene M. Lee, Reg. No. 32,039; Richard A. Sterba, Reg. No. 43,162.

Address all correspondence to Eugene M. Lee, LEE & STERBA, PC, 1101 Wilson Boulevard, Suite 2000, Arlington, Virginia 22209. Address all telephone communications to Eugene M. Lee at (703) 525-0978.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| Il Name of First or Sole Inventor Signature of Firs | | or Sole Inventor | Date | | |
|--|--------------------------------|------------------------|----------|--|--|
| Soon-won HWANG | | | | | |
| | | | | | |
| Residence Address | | Country of Citizenship | | | |
| 301, 686-8 Hwaseo-dong, Jangan-gu, Suwon-si, Gyeonggi-do, Republic Republic of Kor | | | | | |
| of Korea | | | | | |
| | | | | | |
| Post Office Address | | | | | |
| Same as above | | | | | |
| | T | <u> </u> | | | |
| Full Name of Second Inventor I-hun SONG | Signature of Second Inventor | | Date | | |
| 1-nun SONG | | | | | |
| Residence Address | | | | | |
| 509-703 Pureun-Maeul Ssangyong Apt., 76 Sunae-dong, | Dundana au | Country of Citizenship | | | |
| Seongnam-si, Gyeonggi-do, Republic of Korea | Dunaung-gu, | Republic of Korea | | | |
| Seeing sin si, Syconggi we, Republic of Rolew | | | | | |
| Post Office Address | | | | | |
| Same as above | | | | | |
| | | | | | |
| Full Name of Third Inventor | Signature of Third Inventor Da | | Date | | |
| Tae-wan KIM | J.ga.a.c of Time | | Buic | | |
| | | | | | |
| Residence Address | | Country of Citizenship | <u> </u> | | |
| 103-1102 Samjeong Apt., 817 Jung-ri, Guseong-eub, Yor | Republic of Korea | | | | |
| Gyeonggi-do, Republic of Korea | | , , | | | |
| | | | | | |
| Post Office Address | | | | | |
| Same as above | | | | | |
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